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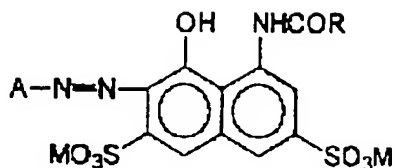
APPLICATION NUMBER : 09007759

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TITLE : MAGENTA INK COMPOSITION
SHOWING REDUCED BLEEDING



ABSTRACT : PROBLEM TO BE SOLVED: To provide an ink composition that causes no color mixing bleeding by its contact with other ink compositions, by making the ink composition contain a polyallylamine, a magenta dye, which produces no deposits when it is in contact with a polyallylamine, an water-soluble organic solvent and water.

SOLUTION: A magenta dye, which is not coagulated by a polyallylamine is represented by the formula, wherein A is phenyl group or a naphthyl group at least, one hydrogen of which may be replaced by a sulfone group optionally by another substituent, R is hydrogen, a lower alkyl carbonyl or an acyl group and M is an alkali metal, an organic amine and the like. It is preferred that the dye of the formula is added in an amount of about 0.1 to 20wt.%. A polyallylamine and a derivative thereof are a cationic polymer and are contained preferably in an amount of 0.05 to 20wt.%. This magenda ink and another ink containing another colorant in which a suspension is likely to be destroyed by contact with a polyamine are used in combination to thereby provide an ink set, which achieves an image with no bleeding.

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